Abstract

In this talk, I will discuss potential neural/biological mechanisms underlying the language recovery and deterioration during the first year after stroke. I will show that different mechanisms underlie aphasia recovery at different stages: days, weeks, months, and years after stroke. I will discuss changes in perfusion, activation, connectivity, structure, and cognitive mechanisms. I will also present new data on additional predictors of aphasia recovery that need to be considered, such as education and medications. I will also discuss innovative interventions to facilitate language recovery.

Impaired Spoken & Written Naming at Day 1; Recovered Both

